



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION IX  
EMERGENCY RESPONSE PROGRAM**

**POLLUTION REPORT**

**Date:** May 10, 2004

**From:** Craig Benson, On-Scene Coordinator

**To:** EPA: Peggy DeLaTorre, Daniel Meer, Peter Guria, Celeste Temple, Mark Merchant, Lisa Boynton, Elizabeth Cox, Andrew Helmlinger, Eugene Rainwater, Rich Martyn, Bob Mandel, Barbara Lee, Ivania Brown, John Jaros, Mike Schulz  
Other: George Baker, DTSC, Donn Showers, City of Signal Hill, Mike Schwennesen E&E

**Subject:** Dico Oil Company Site, Signal Hill, Los Angeles Co., California  
Latitude: N 33° 48' 21.7" Longitude: W 118° 10' 7.1"

**POLREP No.: 6 & Final**

**Reporting Period:** 04/08/04- 05/05/04

**Start Date:** 9/17/03

**Completion Date:** 05/05/04

**CERCLIS ID #:** CAD980737076

**Response Authority:** CERCLA

**Site ID No.:** KP

**FPN:** n/a

**Task Order No.:** n/a

**NPL Status:** Non-NPL

**I. SITUATION:**

- A. Incident Category: PRP-Funded Removal under UAO
- B. The Dico Oil Company (Dico) site is located at 1845 East Willow Street in Signal Hill, Los Angeles County, California. The site occupies an area of approximately 0.5 acres. Dico is located in a largely commercial zone, with adjacent land use including retail outlets, office buildings, light industry, oil production, and residences.

The Dico property consisted of a tank farm, a truck pad, a laboratory, and several tool sheds. At the on-set of USEPA assessment activities, the tank farm had three large steel above-ground storage tanks (AST) and associated above-ground and below-ground piping. Additional tanks were located outside of secondary containment. A small receiving laboratory structure and tool shed contained several drums. The facility had not been operated since the mid-1990s and was found heavily overgrown with vegetation.

- C. DTSC formally requested USEPA characterization and removal assistance based on the abandonment and historical data which revealed soils contaminated with polychlorinated biphenyls (PCBs), heavy metals and percentage range total petroleum hydrocarbons (TPH).
- D. See POLREP No. 1 for additional background information.

## II. ACTIONS TAKEN:

- A. Refer to POLREP No's 1 through 5 for details on the USEPA removal site characterization, PRP discovery actions, delivery of UAO No. 9-2003-14, and PRP funded removal activities through April 7, 2004.
- B. 4/23/04: The PRP contractor, Meredith and Associates (Meredith) submitted the Final Soil Excavation and Testing Report. This report documents the excavation of the affected soils and provides the verification testing results in accordance with 40 CFR 761, Subpart O. The Report adequately describes the completion of the PCB Rule self-implementing cleanup process and specifically the achievement of the "high occupancy area" bulk PCB remediation waste cleanup level of  $\leq 1$  ppm without further conditions [761.61(a)(4)(i)(A)].

Due to the extensive characterization during the implementation of the earlier Soil Sampling Plan, most cleanup verification testing passed the PCB action level of 1.0 ppm the first time. When there were failing tests, the results were close to passing, but the areas were excavated at least one additional foot and re-tested. Only one area had to be excavated and re-tested twice. POLREP Section VI lists the approximate totals for PCB contaminated and metal/hydrocarbon contaminated soils removed in this phase. Each individual manifested load is described in the attached table.

- C. 4/26/04: LoveCo Construction Company began excavation backfilling operations in accordance with UAO backfilling and restoration conditions. Twining Laboratories of So. Cal., Inc., was retained to conduct compaction certification of the backfilling operations which included initial soil sampling for maximum density determination, bottom approval, visual observations of the process and compaction testing of the work effort. Crushed base material (mixed sand and gravel) from a local crushing facility was stockpiled on-site as the main source of backfill material.
- D. 4/27/04 - 5/03/04: Excavation backfilling operations continue. On the morning of 5/03/04, the excavation was approximately 80% complete. Meredith reported excavation withing four feet of the original ground surface during oversight visit.
- E. 5/05/04: Completion date for excavation backfilling operations. The site exhibits no sharp slopes or breaks in slopes that would constitute a trip hazard, slope stability issue or affect ingress or egress.
- F. 5/07/04: OSC Benson received final project report from Meredith describing backfilling

operations. OSC Benson confirmed with the PRP representative that site actions were completed to the satisfaction of EPA and a notice of completion would be prepared.

**III. PLANS:**

A. Cleanup actions complete. No further action required.

**IV. KEY ISSUES:**

A. None.

**V. ESTIMATED COSTS:**

USEPA oversight costs are to be determined.

The PRP has estimated total costs to date at approximately \$800,000.

START oversight costs for PRP removal activities is approximately \$10,000

**VI. DISPOSITION OF WASTES:** A final table of all wastes removed (by individual shipment) is attached. The following summarizes approximated volumes of all materials removed by category:

- Hazardous waste solids (tank bottoms): 6,200 gallons
- Scrap metal: 17 tons
- PCB-contaminated soil and debris: 166,000 Kg.
- Metals/hydrocarbon contaminated soil: 2,008 cubic yards
- Waste liquids (corrosive, flammable, oil/water): 22,700 gallons

**VII. CONTACT INFORMATION:** see [www.epaosc.org/dico](http://www.epaosc.org/dico) for more information.

Craig Benson EPA OSC

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DICO Oversight Waste Disposition Table					
Date	Manifest #	Volume	Description	Source	Destination

10/10/03	22391788	300 gallons	Waste Corrosive Liquids, Flammable Liquids, Oxidizing Liquids and Non RCRA Wastes 13 drums (D001, D002)	storage shed and lab	Onyx Environmental Azusa, CA
11/11/03	22391940	3500 gallons	Waste Flammable Liquid, N.O.S. 1 truck (D001, D008, D018)	tank TB	DeMenno Kerdoon, Compton, CA
11/12/03	21631146	3800 gallons	Waste Flammable Liquid, N.O.S. 1 truck (D001, D008, D018)	tank T3	DeMenno Kerdoon, Compton, CA
11/13/03	22391968	3900 gallons	Waste Flammable Liquid, N.O.S. 1 truck (D001, D008, D018)	tank T3	DeMenno Kerdoon, Compton, CA
11/14/03	22391976	3900 gallons	Waste Flammable Liquid, N.O.S. 1 truck (D001, D008, D018)	tank T3	DeMenno Kerdoon, Compton, CA
11/19/03	22391984	3300 gallons	Waste Flammable Liquid, N.O.S. 1 truck (D001, D008, D018)	rinse water tank T2 and T3	DeMenno Kerdoon, Compton, CA
11/21/03	23364444	300 gallons	Waste Flammable Liquid, N.O.S. 1 truck (D001, D008, D018)	decon water	DeMenno Kerdoon, Compton, CA
12/1/03	Bill of Lading	6 tons	Scrap metal 3 roll-off bins	tanks and pipes	American Met Recycling Ontario, CA
12/3/03	23364509	200 gallons	Waste Flammable Liquid, N.O.S. 1 truck (D001, D008, D018)	decon water	DeMenno Kerdoon, Compton, CA
12/22/03	23364409 23364411 23364412 23364413 23364414 23364663	18 tons 18 tons 18 tons 12 tons 18 tons 18 tons	Non RCRA Waste Solid (Cal Haz for lead and copper)  6 roll-off bins	berm soil	Chemical Waste Management Kettleman City CA
12/29/03	23364410	12 tons	Non RCRA Waste Solid 1 roll-off interceptor bin	tank T2	Chemical Waste Management Kettleman City CA
12/29/03	Bill of Lading	4 tons	Scrap Metal 1 roll-off with T5	tank T5	American Met Recycling, Ontario, CA
1/7/04	Bill of Lading	7 tons	Scrap Metal 1 roll-off bin	pipes	American Met Recycling, Ontario, CA
1/12/04	23364778	1100 gallons	Hazardous Waste Solid, N.O.S. 20 drums (D008, D018)	tank T3 bottoms	Onyx Environmental Azusa, CA
2/3/04	23365306 23365307	12 tons 12 tons	Non RCRA Waste Solid (Cal Haz for lead and copper) 2 roll-off bins	berm soil	Chemical Waste Management Kettleman City CA

2/4/04	23365314 23365315	12 tons 12 tons	Non RCRA Waste Solid (Cal Haz for lead and copper) 2 roll-off bins	berm soil	Chemical Waste Management Kettleman City CA
2/5/04	23365320	20 cubic yards	Non RCRA Waste Solid (Cal Haz for lead and copper) high VOCs 1 roll-off bin	VOC contaminated soil	Chemical Waste Management Kettleman City CA
2/5/04	23365321	12 cubic yards	"RQ" Environmentally Hazardous Substance, solid, NOS, UN3077 PCB (and high VOC) contaminated soil 1 roll-off bin	VOC contaminated soil and berm soil	Chemical Waste Management, Kettleman City CA
2/5/04	23365322	5100 gallons	Hazardous Waste Solid, N.O.S. 12 drums (D008, D018)	Tank T5 bottoms	Onyx Environmental Azusa, CA
3/2/04	23365517	10,000 kilograms	"RQ" Environmentally Hazardous Substances, solid, NOS, 9, UN3077, PG III PCB -contaminated soil 1 roll-off bin	Surface & subsurface soils	Chemical Waste Management, Kettleman City CA
3/2/04	23365492 23365493 23365494 23365495 23365496 23365506	15 cubic yards 15 cubic yards 15 cubic yards 15 cubic yards 15 cubic yards 15 cubic yards	Non RCRA Hazardous Waste Solid (Soil/Oil) (Cal Haz for lead and copper) 6 roll-off bins	Subsurface soils	Chemical Waste Management, Kettleman City CA
3/3/04	23365518 23365519 23365528 23365529 23365530 23365531 23365532 23365533 23365534 23365535 23365536	10,000 kilograms 10,000 kilograms 10,000 kilograms 10,000 kilograms 10,000 kilograms 10,000 kilograms 10,000 kilograms 10,000 kilograms 10,000 kilograms 10,000 kilograms 10,000 kilograms 10,000 kilograms	"RQ" Environmentally Hazardous Substances, solid, NOS, 9, UN3077, PG III PCB- contaminated soil 11 roll-off bins	Subsurface soils	Chemical Waste Management, Kettleman City CA

3/3/04	23365456	15 cubic yards	Non RCRA Hazardous Waste Solid (Soil/Oil) (Cal Haz for lead and copper)	Subsurface soils	Chemical Waste Management, Kettleman City CA
3/4/04	23365513 23365455 23365514 23365487 23365448 23365491 23365490 23365515	15 cubic yards each	Non RCRA Hazardous Waste Solid (Soil/Oil) (Cal Haz for lead and copper) 8 roll-off bins	Subsurface soils	Chemical Waste Management, Kettleman City CA
3/4/04	23365525	10,000 kilograms	"RQ" Environmentally Hazardous Substances, solid, NOS, 9, UN3077, PG III PCB- contaminated soil	Subsurface soils	Chemical Waste Management, Kettleman City CA
3/5/04	23365581 23365577 23365580 23365454 23365582 23365583 23365584 23365586 23365566 23365567	15 cubic yards each	Non RCRA Hazardous Waste Solid (Soil/Oil) (Cal Haz for lead and copper) 10 roll-off bins	Subsurface soils	Chemical Waste Management, Kettleman City CA
3/8/04	23365483 23365479 23365480 23365486 23365484 23365485 23365478 23365452 23365476 23365453 23365449 23365457	15 cubic yards each	Non RCRA Hazardous Waste Solid (Soil/Oil) (Cal Haz for lead and copper) 12 roll-off bins	Subsurface soils	Chemical Waste Management, Kettleman City CA
3/9/04	23365451 23365450 23365498 23365499 23365497 23365501 23365503 23365502 23365504 23365500 23365447 23365505	15 cubic yards each	Non RCRA Hazardous Waste Solid (Soil/Oil) (Cal Haz for lead and copper) 12 roll-off bins	Subsurface soils	Chemical Waste Management, Kettleman City CA

3/10/04	23365510 23365576 23365578 23365585 23365463 23365462 23365509 23365512 23365511 23365508 23365507	15 cubic yards each	Non RCRA Hazardous Waste Solid (Soil/Oil) (Cal Haz for lead and copper) 11 roll-off bins	Subsurface soils	Chemical Waste Management, Kettleman City CA
3/11/04	23365473 23365573 23365575 23365574 23365571 23365569 23365572 23365481 23365568 23365570 23365467 23365472 23365482	15 cubic yards each	Non RCRA Hazardous Waste Solid (Soil/Oil) (Cal Haz for lead and copper) 13 roll-off bins	subsurface soils	Chemical Waste Management, Kettleman City CA
3/12/04	23805235 23805234 23805236 23805241 23805242 23805243 23805245 23805244 23365470 23365471 23805247 23805248 23805249 23805240 23805237	15 cubic yards each	Non RCRA Hazardous Waste Solid (Soil/Oil) (Cal Haz for lead and copper) 15 roll-off bins	subsurface soils	Chemical Waste Management, Kettleman City CA
3/15/04	23805227 23805228 23805229 23365474 23805233 23365464 23805232 23365466 23365465 23805231 23805230	15 cubic yards each	Non RCRA Hazardous Waste Solid (Soil/Oil) (Cal Haz for lead and copper) 11 roll-off bins	subsurface soils	Chemical Waste Management, Kettleman City CA

3/16/04	23805312 23805309 23805313 23805311 23805307 23805308 23805310 23805305 23805306 23365461 23365468 23805314 23365469 23805250	15 cubic yards each	Non RCRA Hazardous Waste Solid (Soil/Oil) (Cal Haz for lead and copper) 14 roll-off bins	subsurface soils	Chemical Waste Management, Kettleman City CA
3/17/04	23805299 23365460 23805301 23365459 23805303 23805302 23805304 23805300 23365458	15 cubic yards each	Non RCRA Hazardous Waste Solid (Soil/Oil) (Cal Haz for lead and copper) 9 roll-off bins	subsurface soils	Chemical Waste Management, Kettleman City CA
3/24/04	23805295 23805297 23805298	15 cubic yards each	Non RCRA Hazardous Waste Solid (Soil/Oil) (Cal Haz for lead and copper) 3 roll-off bins	subsurface soils	Chemical Waste Management, Kettleman City CA
3/24/04	23805362	one dump truck	"RQ" Environmentally Hazardous Substances, Solid, N.O.S., 9, UN3077, PG III (polychlorinated biphenyls) Soil contaminated with oil containing PCBs, includes wood and debris	surface and subsurface soils/debris	Chemical Waste Management, Kettleman City CA
3/24/04	23805364	one tank truck, 3500 gallons	Non-RCRA Hazardous Waste Liquid (Oil/Water)	decontamination liquids	DeMenno Kerdoon, Compton, CA
3/30/04	23805296	15 cubic yards	Non-RCRA Hazardous Waste Solid (Soil/Oil)	subsurface soil	Chemical Waste Management Kettleman City CA



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